

WHAT IS CLAIMED IS:

1. A propargyl alcohol reduced in formaldehyde, wherein the formaldehyde content is 1,000 ppm or less.
2. The propargyl alcohol as claimed in claim 1, wherein the formaldehyde content is 100 ppm or less.
3. The propargyl alcohol as claimed in claim 1, wherein the formaldehyde content is 5 ppm or less.
4. The propargyl alcohol as claimed in claim 1, further containing a polymerization inhibitor.
5. The propargyl alcohol as claimed in claim 4, wherein the polymerization inhibitor is at least one compound selected from the group consisting of phenol compounds, vinyl compounds, sulfur-containing compounds, nitrogen-containing compounds, and metal compounds.
6. A resin, which is obtained by reaction of the propargyl alcohol according to any one of claims 1 to 5.
7. A resin composition, comprising the resin according to claim 6.
8. A cationic electrodeposition coating composition containing the resin composition according to claim 7.
9. The propargyl alcohol as claimed in any one of claims 1 to 3, which is obtained by a process comprising reacting 1,2,3-trichloropropane with 3 equivalents or more of an alkali compound in the presence of a quaternary ammonium salt and/or a polymerization inhibitor, wherein said reaction comprises a first step of reacting 1,2,3-trichloropropane with an alkali compound to produce 2-chloroallyl alcohol and a second step of reacting said 2-chloroallyl alcohol with an alkali compound to produce propargyl alcohol.

10. The propargyl alcohol as claimed in any one of claims 1 to 3, which is obtained by a process comprising reacting 1,2,3-trichloropropane with an aqueous solution containing 3 equivalents or more of an alkali compound in the presence of a quaternary ammonium salt and/or a polymerization inhibitor, wherein said reaction comprises a first step of reacting 1,2,3-trichloropropane with an aqueous solution containing an alkali compound to produce 2-chloroallyl alcohol and a second step of reacting said 2-chloroallyl alcohol with an aqueous solution containing an alkali compound to produce propargyl alcohol.

11. The propargyl alcohol as claimed in any one of claims 1 to 3, which is obtained by a process comprising the following two steps:

(1) a step of reacting 2,3-dichloro-1-propanol with an amine to produce chloroallyl alcohol, and

(2) a step of reacting the chloroallyl alcohol obtained in said step (1) with an alkali compound to produce propargyl alcohol.